

ABSTRACT

A digital display compass for mounting on vehicle rear view mirrors, including a direction sensor module generating signals corresponding to a direction that it is facing attached to the inside of the vehicle windshield, an electronic housing attached to the back side of the rear view mirror, and a digital display attached to the front side of the rear view mirror. A flexible transmission cord extends from the directional sensor module to the electronic housing, and transmits the signals from the direction sensor module. The electronic housing contains a battery power source and electronics for converting the signals received from the transmission cord to drive a digital display representative of the direction sensed by the direction sensor module. A flexible cable extends from the back side of the mirror to the front side of the mirror and provides electronic communication from the electronic housing to the digital display.

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